

## CLAIMS

What is claimed is:

1        1.     A method comprising:  
2            generating a packet in response to a predetermined event;  
3            storing the packet locally;  
4            forwarding the packet with a client messaging application to a server messaging  
5            application via a network connection managed by the client messaging application; and  
6            dispatching the packet with the server messaging application to a messaging  
7            handler that processes the packet.

1        2.     The method of claim 1 wherein the packet includes a target identifier and  
2            a variable length data field.

1        3.     The method of claim 2 wherein the messaging server application selects a  
2            messaging handler from a plurality of messaging handlers based on the target identifier.

1        4.     The method of claim 1 further comprising:  
2            generating an acknowledge message in response to the packet being dispatched to  
3            the messaging handler; and  
4            communicating the acknowledge message from the messaging server application  
5            to the messaging client application.

1           5.     The method of claim 4 wherein further comprising dropping the packet  
2     from the local storage in response to the acknowledge message being received by the  
3     messaging client application.

1           6.     An article comprising a machine-accessible medium to provide machine-  
2     readable instructions that, when executed, cause one or more electronic systems to:  
3           generate a packet in response to a predetermined event;  
4           store the packet locally;  
5           forward the packet with a client messaging application to a server messaging  
6     application via a network connection managed by the client messaging application; and  
7           dispatch the packet with the server messaging application to a messaging handler  
8     that processes the packet.

1           7.     The article of claim 6 wherein the packet includes a target identifier and a  
2     variable length data field.

1           8.     The article of claim 7 wherein the messaging server application selects a  
2     messaging handler from a plurality of messaging handlers based on the target identifier.

1           9.     The article of claim 6 further comprising sequences of instructions that,  
2     when executed, cause the one or more electronic systems to:  
3           generate an acknowledge message in response to the packet being dispatched to  
4     the messaging handler; and

5                   communicate the acknowledge message from the messaging server application to  
6                   the messaging client application.

1                   10.       The article of claim 9 wherein further comprising sequences of  
2                   instructions that, when executed, cause the one or more electronic systems to drop the  
3                   packet from the local storage in response to the acknowledge message being received by  
4                   the messaging client application.

1                   11.       A computer data signal embodied in a data communications medium  
2                   shared among a plurality of network devices comprising sequences of instructions that,  
3                   when executed, cause one or more electronic systems to:  
4                   generate a packet in response to a predetermined event;  
5                   store the packet locally;  
6                   forward the packet with a client messaging application to a server messaging  
7                   application via a network connection managed by the client messaging application; and  
8                   dispatch the packet with the server messaging application to a messaging handler  
9                   that processes the packet.

1                   12.       The computer data signal of claim 11 wherein the packet includes a target  
2                   identifier and a variable length data field.

1           13.    The computer data signal of claim 12 wherein the messaging server  
2    application selects a messaging handler from a plurality of messaging handlers based on  
3    the target identifier.

1           14.    The computer data signal of claim 11 further comprising sequences of  
2    instructions that, when executed, cause the one or more electronic systems to:  
3            generate an acknowledge message in response to the packet being dispatched to  
4    the messaging handler; and  
5            communicate the acknowledge message from the messaging server application to  
6    the messaging client application.

1           15.    The computer data signal of claim 14 wherein further comprising  
2    sequences of instructions that, when executed, cause the one or more electronic systems  
3    to drop the packet from the local storage in response to the acknowledge message being  
4    received by the messaging client application.

1           16.    A network architecture comprising:  
2            a client electronic system having one or more processors to run one or more  
3    programs and a memory system coupled to the processor, the memory system to store  
4    one or more message packets, wherein the one or more processors also runs a messaging  
5    client that forwards message packets stored in the memory system; and  
6            a server electronic system coupled to the client electronic system, the server  
7    electronic system having one or more processors to run one or more programs in a

8 memory system coupled to the processor, wherein the one or more processors runs a  
9 messaging server that receives forwarded messages from the messaging client and  
10 processes the messages in a predetermined manner.

1 17. The network architecture of claim 16 further comprising a second client  
2 electronic system having one or more processors to run one or more programs and a  
3 memory system coupled to the processor, the memory system to store one or more  
4 message packets, wherein the one or more processors also runs a messaging client that  
5 forwards message packets stored in the memory system, and further wherein the one or  
6 more processors runs a messaging server that receives forwarded messages from the  
7 messaging client of the second client electronic system and processes the messages in a  
8 predetermined manner.